FLW-V Feature Light for vinyl pools

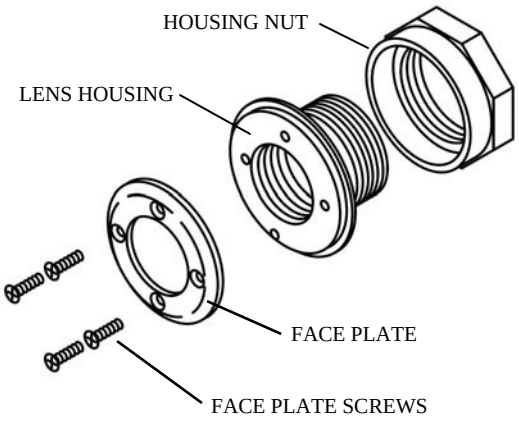
FIBERSTARS
Fiber Optic Technology in Lighting™

CONTENTS

1) Feature Light fixture
1) Broadcast Lens (B11458)
1) Large lens o-ring (22-15006-00)
1) Small lens o-ring (A8891)
1) LNS-2V Lens Assembly
1) Adapter Bushing
1) Centering Device (A9904)
1) Centering Disc (A9787)

USE A FEW WRAPS OF TEFLON TAPE AROUND THE THREADS OF THE LENS!

LNS-2V Contents:
1) LENS HOUSING
1) HOUSING NUT
1) FACE PLATE
4) FACE PLATE SCREWS



INSTRUCTIONS

1) Prepare pool wall with a 3 1/8" to 3 1/4" diameter hole (Feature Light fixture should be 5"-7" below water level). Place the lens housing in the hole and secure it with the housing nut.
2) Attach a 1 1/2" PVC male adapter to the rear of the housing and run the pipe back to the illuminator location.
3) Place the liner in the pool and begin filling the pool. When the water level is a few inches from the bottom of the housing, place the face plate over the liner and housing. Turn the face plate back and forth until it "locks" in one place. Carefully drive the face plate screws into the lens housing. The screws should be flush with the face plate, and the face plate should seal the liner tightly to the housing (FIG A).
4) Cut out liner from the center of the face plate with a razor knife.
5) Use a few wraps of Teflon tape around the bushing and thread it into the lens housing. Use FS-117 lens tool to tighten the bushing into the housing. Run the fiber optic cable through the Feature Light fixture, then through the bushing and lens housing (FIG B).
6) Place the large o-ring on the lens, making sure it seats on the flange (FIG C). Place the small o-ring in the groove at the base of the lens and use a few wraps of Teflon tape around the threads of the lens. Thread the lens into the fixture and tighten it snugly. Thread the lens into the housing, then use a FS-117 lens tightening tool to tighten the lens down to the feature light. Do not over tighten.
7) Apply a generous amount of silicone to the stub on the Feature Light and insert it into the bushing. Make sure the Feature Light is level.

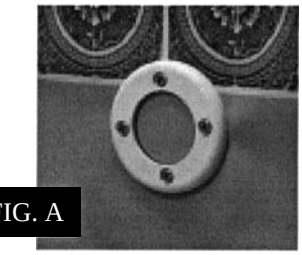


FIG. A

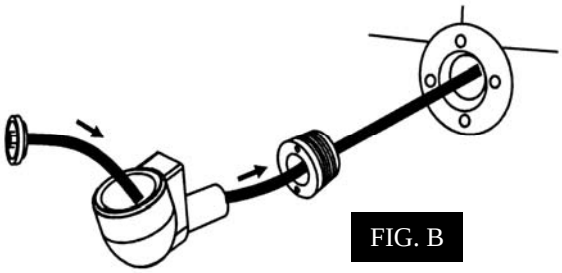


FIG. B

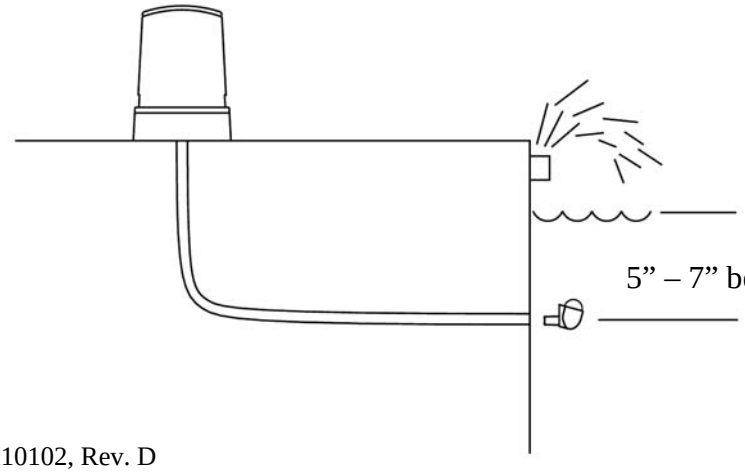


FIG. C

PM10102, Rev. D